

700 MHz Spectrum Management Plan

SIEC Workgroup Recommendations

Recommendations:

1. The 700 MHz proposed channel nomenclature should be adopted in Arizona, and therefore the channels named General Public Safety Service should retain that nomenclature and should not be renamed for a more specific use.
2. The recommended standard Network Access Code (NAC) \$293 should be used for all digital operations on FCC-designated Interoperability Channels where digital modulation is permitted or required. (Note that \$293 is the default NAC.)
3. There are two calling channels identified. It is recommended that 7CALL50D be specified as the primary calling channel, and 7CALL70D be specified as the secondary calling channel. It is also recommended that users should first attempt to call in simplex mode and then in repeater mode (i.e., 7CALL50 and 7CALL70).
4. Since simplex channels have different nomenclature than repeated channels, it is recommended that both be programmed, rather than relying on use of the Direct or Talk around Button.
5. The national interoperability channels should be programmed in a distinctly identified area (i.e. zone, bank, deck) of each radio.

Suggestions for developing additional standards:

1. Minimum Programming Standard for 700 MHz interoperability channels:
Since programming all 700 MHz interoperability channels is not possible or practical on radios with limited capacity, a statewide standard recommending a minimum number of specific 700 MHz national interoperability channels to be programmed is needed.
A configuration specifying programming of sixteen channels, with two Calling Channels, two General Public Safety Service channels, two Mobile Repeater Channels and two Other Public Service channels in both repeater and simplex modes has been proposed; other configurations should be considered.
2. Primary and secondary "General Public Safety Service" channels:
A statewide standard recommending a primary and secondary "General Public Safety Service" channel should be established.
12 Channels are available. Suggesting channels can help users "know where to start" when entering a scene.
3. Command Interoperability With Secondary Responder Organizations
A statewide standard recommending how command interoperability with secondary responder organizations (i.e., Red Cross, Transportation, Large Animal Rescue) should be accomplished is needed.
Use of "Other Public Service" channels 7GTAC57, 7GTAC57D, 7GTAC77 and 7GTAC77D is recommended for interoperability with secondary responders.
4. Secondary trunked use of General Public Safety Service channels
Statewide standards for secondary trunked use of General Public Safety Service channels should be established.
Standardizing system keys, IDs, trunking personalities can aid interoperability.
5. Procedures outlining how the SIEC and the RPC will interface to administer the 700 MHz national interoperability channels should be developed.

For Questions, please contact Emilie Sundie, esundie@azgita.gov